

0550
1204

#2

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/988,792

DATE: 11/27/2001

TIME: 14:18:10

Input Set : A:\Nemc-251.app

Output Set: N:\CRF3\11212001\I988792.raw

ENTERED

3 <110> APPLICANT: Lipkowski, Andrezej W
4 Carr, Daniel B
6 <120> TITLE OF INVENTION: NOVEL ANTIMICROBIAL COMPOUNDS
8 <130> FILE REFERENCE: 18475-025
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/988,792
11 <141> CURRENT FILING DATE: 2001-11-20
13 <150> PRIOR APPLICATION NUMBER: 60/252,369
14 <151> PRIOR FILING DATE: 2000-11-21
16 <160> NUMBER OF SEQ ID NOS: 14
18 <170> SOFTWARE: PatentIn Ver. 2.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 11
22 <212> TYPE: PRT
23 <213> ORGANISM: Homo sapiens
25 <400> SEQUENCE: 1
26 Arg Pro Lys Pro Gln Gln Phe Phe Gly Leu Met
27 1 5 10
30 <210> SEQ ID NO: 2
31 <211> LENGTH: 11
32 <212> TYPE: PRT
33 <213> ORGANISM: Homo sapiens
35 <220> FEATURE:
36 <221> NAME/KEY: VARIANT
37 <222> LOCATION: (2)
38 <223> OTHER INFORMATION: Wherein Pro is D-proline
40 <220> FEATURE:
41 <221> NAME/KEY: VARIANT
42 <222> LOCATION: (7)
43 <223> OTHER INFORMATION: Wherein Trp is D-tryptophan
45 <220> FEATURE:
46 <221> NAME/KEY: VARIANT
47 <222> LOCATION: (9)
48 <223> OTHER INFORMATION: Wherein Trp is D-tryptophan
50 <400> SEQUENCE: 2
51 Arg Pro Lys Pro Gln Gln Trp Phe Trp Leu Met
52 1 5 10
55 <210> SEQ ID NO: 3
56 <211> LENGTH: 9
57 <212> TYPE: PRT
58 <213> ORGANISM: Homo sapiens
60 <400> SEQUENCE: 3
61 Arg Pro Pro Gly Phe Ser Pro Phe Arg
62 1 5
65 <210> SEQ ID NO: 4
66 <211> LENGTH: 13
67 <212> TYPE: PRT
68 <213> ORGANISM: Homo sapiens

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/988,792

DATE: 11/27/2001

TIME: 14:18:10

Input Set : A:\Nemc-251.app

Output Set: N:\CRF3\11212001\I988792.raw

```

70 <400> SEQUENCE: 4
71 Glu Leu Tyr Glu Asn Lys Pro Arg Arg Pro Tyr Ile Leu
72   1           5           10
75 <210> SEQ ID NO: 5
76 <211> LENGTH: 13
77 <212> TYPE: PRT
78 <213> ORGANISM: Homo sapiens
80 <400> SEQUENCE: 5
81 Ile Leu Pro Trp Lys Trp Pro Trp Trp Pro Trp Arg Arg
82   1           5           10
85 <210> SEQ ID NO: 6
86 <211> LENGTH: 11
87 <212> TYPE: PRT
88 <213> ORGANISM: Scyliorhinus canicula
90 <400> SEQUENCE: 6
91 Lys Pro Arg Pro Gly Gln Phe Phe Gly Leu Met
92   1           5           10
95 <210> SEQ ID NO: 7
96 <211> LENGTH: 11
97 <212> TYPE: PRT
98 <213> ORGANISM: Cavia porcellus
100 <400> SEQUENCE: 7
101 Arg Pro Lys Pro Gln Gln Phe Phe Gly Leu Met
102   1           5           10
105 <210> SEQ ID NO: 8
106 <211> LENGTH: 11
107 <212> TYPE: PRT
108 <213> ORGANISM: Gallus gallus
110 <400> SEQUENCE: 8
111 Arg Pro Arg Pro Gln Gln Phe Phe Gly Leu Met
112   1           5           10
115 <210> SEQ ID NO: 9
116 <211> LENGTH: 11
117 <212> TYPE: PRT
118 <213> ORGANISM: Gadus morhua
120 <400> SEQUENCE: 9
121 Lys Pro Arg Pro Gln Gln Phe Ile Gly Leu Met
122   1           5           10
125 <210> SEQ ID NO: 10
126 <211> LENGTH: 11
127 <212> TYPE: PRT
128 <213> ORGANISM: Oncorhynchus mykiss
130 <400> SEQUENCE: 10
131 Lys Pro Arg Pro His Gln Phe Phe Gly Leu Met
132   1           5           10
135 <210> SEQ ID NO: 11
136 <211> LENGTH: 10
137 <212> TYPE: PRT
138 <213> ORGANISM: Petromyzon marinus

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/988,792

DATE: 11/27/2001

TIME: 14:18:10

Input Set : A:\Nemc-251.app

Output Set: N:\CRF3\11212001\I988792.raw

```

140 <400> SEQUENCE: 11
141 Ala Lys His Asp Lys Phe Tyr Gly Leu Met
142   1           5           10
145 <210> SEQ ID NO: 12
146 <211> LENGTH: 8
147 <212> TYPE: PRT
148 <213> ORGANISM: Artificial Sequence
150 <220> FEATURE:
151 <221> NAME/KEY: VARIANT
152 <222> LOCATION: (1)
153 <223> OTHER INFORMATION: Wherein Xaa is His or Lys or Arg
155 <220> FEATURE:
156 <221> NAME/KEY: VARIANT
157 <222> LOCATION: (3)
158 <223> OTHER INFORMATION: Wherein Xaa is His or Lys or Arg
160 <220> FEATURE:
161 <221> NAME/KEY: VARIANT
162 <222> LOCATION: (5)
163 <223> OTHER INFORMATION: Wherein Xaa is not Pro
165 <220> FEATURE:
166 <221> NAME/KEY: VARIANT
167 <222> LOCATION: (6)
168 <223> OTHER INFORMATION: Wherein Xaa is not Pro
170 <220> FEATURE:
171 <221> NAME/KEY: VARIANT
172 <222> LOCATION: (7)
173 <223> OTHER INFORMATION: Wherein Xaa is Phe or Tyr or Trp
175 <220> FEATURE:
176 <221> NAME/KEY: VARIANT
177 <222> LOCATION: (8)
178 <223> OTHER INFORMATION: Wherein Xaa is Phe or Tyr or Trp
180 <220> FEATURE:
181 <223> OTHER INFORMATION: Description of Artificial Sequence:Consensus
182   sequence
184 <400> SEQUENCE: 12
W--> 185 Xaa Pro Xaa Pro Xaa Xaa Xaa
186   1           5
189 <210> SEQ ID NO: 13
190 <211> LENGTH: 11
191 <212> TYPE: PRT
192 <213> ORGANISM: Artificial Sequence
194 <220> FEATURE:
195 <221> NAME/KEY: VARIANT
196 <222> LOCATION: (11)
197 <223> OTHER INFORMATION: Wherein Xaa is not Met
199 <220> FEATURE:
200 <223> OTHER INFORMATION: Description of Artificial Sequence:Consensus
201   sequence
203 <400> SEQUENCE: 13

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/988,792

DATE: 11/27/2001

TIME: 14:18:10

Input Set : A:\Nemc-251.app

Output Set: N:\CRF3\11212001\I988792.raw

W--> 204 Arg Pro Lys Pro Gln Gln Phe Phe Gly Leu Xaa

205 1 5 . 10

208 <210> SEQ ID NO: 14

209 <211> LENGTH: 13

210 <212> TYPE: PRT

211 <213> ORGANISM: Homo sapiens

213 <220> FEATURE:

214 <221> NAME/KEY: VARIANT

215 <222> LOCATION: (1)

216 <223> OTHER INFORMATION: Wherein Xaa is Pyr or Tyr

218 <400> SEQUENCE: 14

W--> 219 Xaa Leu Tyr Glu Asn Lys Pro Arg Arg Pro Tyr Ile Leu

220 1 5 10

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/988,792

DATE: 11/27/2001

TIME: 14:18:11

Input Set : A:\Nemc-251.app

Output Set: N:\CRF3\11212001\I988792.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12

L:204 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13

L:219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14